



Exercise: Investigate Project Boards

1. Investigate the board intended for your final project.
2. Investigate the [board assigned to you](#).

For each board, look at the datasheet and getting started information for the board. Draw the hardware block diagram for the board. For peripherals, note the communication paths (SPI, I2C, etc).

Look through the datasheet for the processor and other documents. Answer these questions:

- What kind of processor is it?
- How much Flash and RAM does it have? Any other memory types?
- Does it have any special peripherals? (List 3-5 that you find interesting.)
- If it has an ADC, what are the features?
- How much does the board cost vs what the processor costs? Is the processor in stock anywhere? (Try Digikey, Mouser, Octopart, Google, and so on.)

Look at one application note for this board.

Compile your answers into a google doc or markdown file, and send a link to the #assignment-submission channel on Discord. Make sure the files are publicly viewable.

Also, be prepared to share what you learned in Live Class.

Due Date: before live class on April 2nd, 2021 at 9:00am PT